



June 2008

**DEPARTMENT OF EDUCATION**  
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State’s measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students’ scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student’s ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron  
Commissioner of Education



# School Report Grade 4

Test Date: March 2008  
Code: 12631786  
SAU: MSAD 71  
School: Kennebunkport Consolidated Sch

## Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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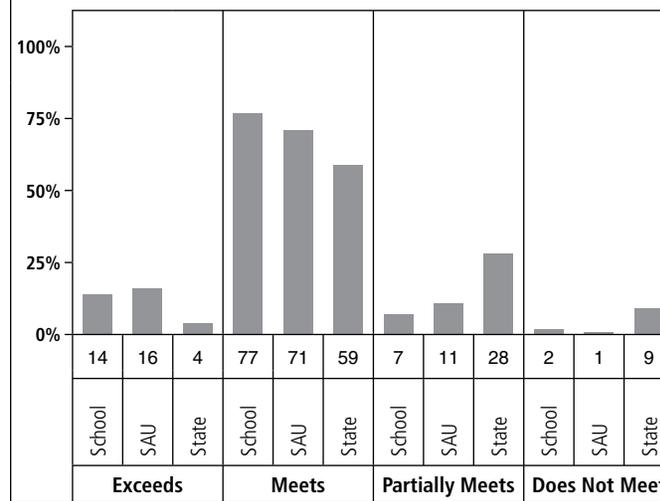
# SUMMARY OF SCORES

Test Date: March 2008  
 Grade: 4  
 SAU: MSAD 71  
 School: Kennebunkport Consolidated Sch

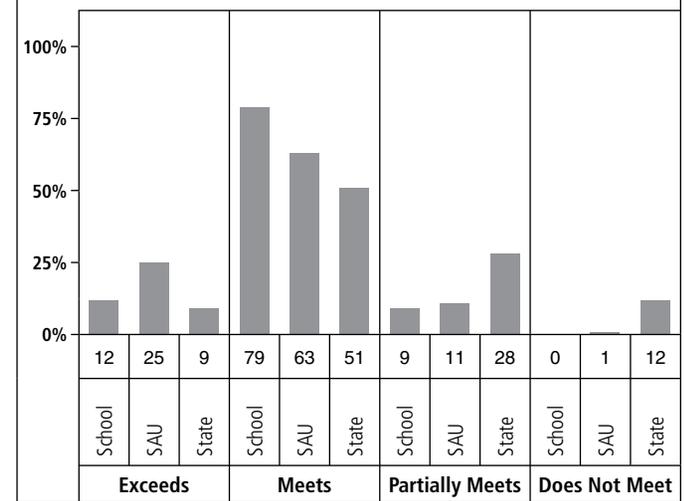
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2005–2006	454	450	444
2006–2007	452	453	445
<b>2007–2008</b>	<b>451</b>	<b>452</b>	<b>445</b>
Cum. Avg.*	452	452	445
<b>Mathematics</b>			
2005–2006	457	455	444
2006–2007	462	456	445
<b>2007–2008</b>	<b>454</b>	<b>456</b>	<b>445</b>
Cum. Avg.*	457	456	445
<b>Science &amp; Technology</b>			
2005–2006	455	452	444
2006–2007	459	455	444
<b>2007–2008</b>	<b>456</b>	<b>453</b>	<b>444</b>
Cum. Avg.*	456	453	444

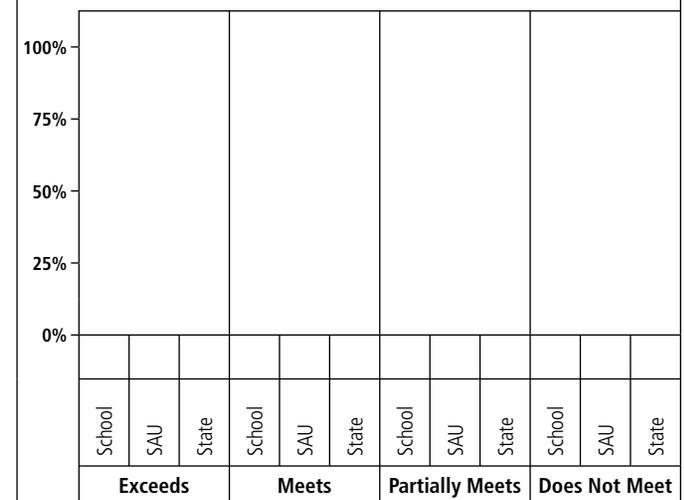
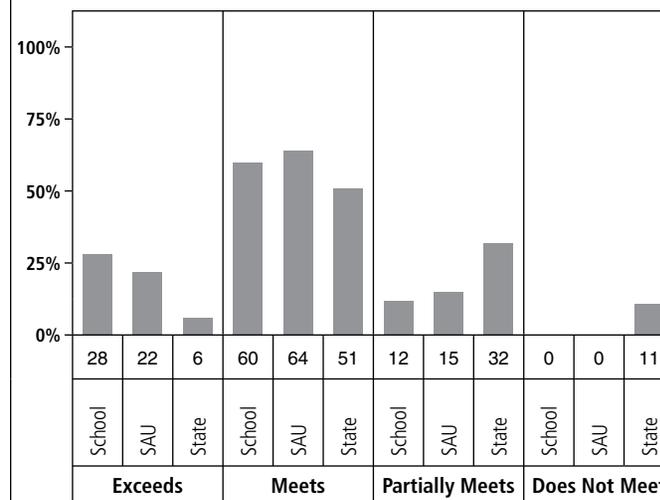
### ELA – READING



### MATHEMATICS



### SCIENCE AND TECHNOLOGY



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.



# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008  
 Grade: 4  
 SAU: MSAD 71  
 School: Kennebunkport Consolidated Sch

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																										
	School		SAU		State		ELA-Reading						Mathematics						Science and Technology						School			SAU			State		
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%			
<b>Total number of students</b>	44	100	161	100	14207	100	44	100	159	99	14181	100	44	100	159	99	14123	100	44	100	159	99	14115	99									
<b>Ethnicity</b> African American/Black	0	0	2	1	390	3	0	0	2	100	388	99	0	0	2	100	388	99	0	0	2	100	386	99									
American Indian or Native Alaskan	0	0	0	0	101	1	0	0	0	0	101	100	0	0	0	0	101	100	0	0	0	0	101	100									
Asian or Pacific Islander	0	0	2	1	263	2	0	0	2	100	259	98	0	0	2	100	262	100	0	0	2	100	262	100									
Hispanic	0	0	1	1	170	1	0	0	0	0	168	99	0	0	0	0	166	98	0	0	0	0	166	98									
Caucasian/White	44	100	156	97	13282	93	44	100	155	99	13264	100	44	100	155	99	13205	100	44	100	155	99	13199	99									
Not Reported	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100	0	0	0	0	1	100									
<b>Identified disability</b>	17	39	31	19	2524	18	17	100	31	100	2514	100	17	100	31	100	2498	99	17	100	31	100	2494	99									
<b>Current LEP</b>	0	0	4	2	385	3	0	0	3	75	377	98	0	0	3	75	383	99	0	0	3	75	380	99									
<b>Economically disadvantaged</b>	6	14	25	16	5587	39	6	100	24	96	5569	100	6	100	24	96	5538	99	6	100	24	96	5534	99									
<b>Migrant</b>	0	0	0	0	5	0	0	0	0	0	5	100	0	0	0	0	5	100	0	0	0	0	5	100									

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science and Technology						School			SAU			State		
	School		SAU		State		School		SAU		State		School		SAU		State		n	%	n	%	n	%			
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%									
<b>Participation without accommodations</b>	33	75	133	83	10755	76	33	75	133	83	10730	76	33	75	133	83	10776	76									
Identified disability (PET/IEP)	6	18	7	5	375	3	6	18	7	5	374	3	6	18	7	5	384	4									
LEP	0	0	2	2	148	1	0	0	2	2	148	1	0	0	2	2	150	1									
504 plan	0	0	1	1	114	1	0	0	1	1	114	1	0	0	1	1	115	1									
<b>Participation with accommodations</b>	10	23	25	16	3298	23	10	23	25	16	3267	23	10	23	25	16	3215	23									
Identified disability (PET/IEP)	10	100	23	92	2013	61	10	100	23	92	1998	61	10	100	23	92	1986	62									
LEP	0	0	1	4	225	7	0	0	1	4	233	7	0	0	1	4	229	7									
504 plan	0	0	0	0	69	2	0	0	0	0	68	2	0	0	0	0	67	2									
Other	0	0	1	4	1046	32	0	0	1	4	1023	31	0	0	1	4	987	31									
<b>Participation through alternate assessment (PAAP)</b>	1	2	1	1	126	1	1	2	1	1	126	1	1	2	1	1	124	1									
Identified disability (PET/IEP)	1	100	1	100	126	100	1	100	1	100	126	100	1	100	1	100	124	100									
LEP	0	0	0	0	2	2	0	0	0	0	2	2	0	0	0	0	1	1									
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	2	0																					
<b>Approved non-participation – special consideration</b>	0	0	0	0	15	0	0	0	0	0	16	0	0	0	0	0	12	0									
<b>Non-participation – other</b>	0	0	2	1	11	0	0	0	2	1	68	0	0	0	2	1	80	1									

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.



# ELA-READING RESULTS

Test Date: March 2008  
 Grade: 4  
 SAU: MSAD 71  
 School: Kennebunkport Consolidated Sch

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL						
		School		SAU		State		
		N	%	N	%	N	%	
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 461–480)		2005-2006	7	17	16	10	601	4
		2006-2007	1	5	20	13	507	4
		<b>2007-2008</b>	<b>6</b>	<b>14</b>	<b>26</b>	<b>16</b>	<b>559</b>	<b>4</b>
		Cum. Total*	14	13	62	13	1667	4
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 441–460)		2005-2006	32	78	121	75	7910	57
		2006-2007	21	95	128	80	8749	63
		<b>2007-2008</b>	<b>33</b>	<b>77</b>	<b>112</b>	<b>71</b>	<b>8308</b>	<b>59</b>
		Cum. Total*	86	81	361	75	24967	60
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 431–440)		2005-2006	2	5	22	14	3970	29
		2006-2007	0	0	9	6	3467	25
		<b>2007-2008</b>	<b>3</b>	<b>7</b>	<b>18</b>	<b>11</b>	<b>3922</b>	<b>28</b>
		Cum. Total*	5	5	49	10	11359	27
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 400–430)		2005-2006	0	0	2	1	1421	10
		2006-2007	0	0	3	2	1165	8
		<b>2007-2008</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1264</b>	<b>9</b>
		Cum. Total*	1	1	7	1	3850	9

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Total Reading Cluster</b>	<b>48</b>	<b>100</b>	34.1	71.0	34.6	72.1	29.7	61.9
<b>Literary Text</b>	<b>24</b>	<b>50</b>	18.0	75.0	18.1	75.4	15.5	64.6
<b>Informational Text</b>	<b>24</b>	<b>50</b>	16.1	67.1	16.5	68.8	14.2	59.2

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

\*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.



# ELA-READING RESULTS (CONTINUED)

**Test Date:** March 2008  
**Grade:** 4  
**SAU:** MSAD 71  
**School:** Kennebunkport Consolidated Sch

REPORTING CATEGORIES	School										SAU					State						
	Tested		E		M		P		D		Mean Scaled Score	Tested		E		M		P		D		Mean Scaled Score
	N	%	N	%	N	%	N	%	N	%		N	%	N	%	N	%	N	%	N	%	
<b>All Students</b>	43	6	14	33	77	3	7	1	2	451	158	16	71	11	1	452	14053	4	59	28	9	445
<b>Ethnicity</b>																						
African American/Black	0										2						384	1	36	35	28	438
American Indian or Native Alaskan	0										0						101	1	46	44	10	442
Asian or Pacific Islander	0										2						259	6	61	22	11	445
Hispanic	0										0						164	0	45	38	16	440
Caucasian/White	43	6	14	33	77	3	7	1	2	451	154	17	71	11	1	452	13144	4	60	28	8	445
Not Reported	0										0						1					
<b>Identified disability</b>																						
Yes	16	1	6	11	69	3	19	1	6	447	30	3	73	17	7	446	2388	0	29	44	26	437
No	27	5	19	22	81	0	0	0	0	453	128	20	70	10	0	453	11665	5	65	25	6	446
<b>Current LEP</b>																						
Yes	0										3						373	1	32	35	32	436
No	43	6	14	33	77	3	7	1	2	451	155	17	72	10	1	452	13680	4	60	28	8	445
<b>Economically disadvantaged</b>																						
Yes	5	1	20	3	60	1	20	0	0	454	23	26	61	13	0	454	5502	1	47	37	14	441
No	38	5	13	30	79	2	5	1	3	450	135	15	73	11	1	451	8551	6	67	22	5	447
<b>Migrant</b>																						
Yes	0										0						5	0	40	60	0	445
No	43	6	14	33	77	3	7	1	2	451	158	16	71	11	1	452	14048	4	59	28	9	445
<b>Gender</b>																						
Female	21	3	14	16	76	2	10	0	0	452	80	18	71	11	0	452	6959	5	61	26	8	446
Male	22	3	14	17	77	1	5	1	5	450	78	15	71	12	3	451	7093	3	57	30	10	444
Not Reported	0										0						1					
<b>Title 1A targeted program</b>																						
Yes	1										13	0	92	8	0	447	1890	0	37	46	17	439
No	42	6	14	32	76	3	7	1	2	451	145	18	69	12	1	452	12163	5	63	25	8	446
<b>Gifted/talented program</b>																						
Yes	0										0						266	21	74	4	0	456
No	43	6	14	33	77	3	7	1	2	451	158	16	71	11	1	452	13787	4	59	28	9	445

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested.   N = Number



# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

**Test Date:** March 2008  
**Grade:** 4  
**SAU:** MSAD 71  
**School:** Kennebunkport Consolidated Sch

QUESTIONNAIRE ITEMS	School										SAU					State							
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%		
<b>How much homework do you do on school nights?</b>																							
A. none	2	0	0	0	0	1	100	0	0	438	1	0	0	100	0	438	5	1	42	36	21	440	
B. less than one hour	91	5	13	31	79	2	5	1	3	451	61	14	76	8	2	452	74	4	62	27	7	445	
C. one to two hours	7	1	33	2	67	0	0	0	0	454	37	22	64	14	0	452	18	5	59	29	7	446	
D. more than two hours	0										1	0	50	50	0	440	2	3	32	34	31	438	
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																							
A. The questions on the test match what I have learned in reading class.	14	0	0	6	100	0	0	0	0	451	35	25	63	13	0	452	30	6	63	24	7	446	
B. They match some of what I have learned.	77	6	18	23	70	3	9	1	3	451	58	13	74	12	1	452	52	4	63	27	6	446	
C. They match just a little of what I have learned.	7	0	0	3	100	0	0	0	0	449	5	0	100	0	0	449	12	2	46	37	15	441	
D. There is no match.	2	0	0	1	100	0	0	0	0	444	2	0	67	0	33	437	5	0	33	40	26	437	
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																							
A. very good	40	3	18	12	71	1	6	1	6	452	37	24	73	2	2	454	35	7	66	20	6	448	
B. good	56	3	13	20	83	1	4	0	0	451	51	14	70	15	1	451	51	3	60	29	7	445	
C. fair	5	0	0	1	50	1	50	0	0	441	11	6	67	28	0	446	12	1	44	40	16	440	
D. poor	0										1	0	100	0	0	454	2	0	23	47	30	436	
<b>How hard was the reading part of this test?</b>																							
A. harder than my regular schoolwork	14	0	0	4	67	2	33	0	0	447	12	11	67	17	6	450	19	2	46	34	17	442	
B. about the same as my regular schoolwork	71	6	20	23	77	1	3	0	0	453	75	19	72	9	0	453	62	5	64	26	5	446	
C. easier than my regular schoolwork	14	0	0	5	83	0	0	1	17	446	13	5	70	20	5	447	18	3	58	29	10	444	
<b>How hard were the reading passages on this test?</b>																							
A. Most of the passages were more difficult than what I usually read.	7	0	0	1	33	2	67	0	0	440	7	9	64	18	9	447	14	0	32	46	22	438	
B. Most of the passages were about the same as what I usually read.	67	1	4	26	93	1	4	0	0	449	54	2	81	16	0	448	52	3	62	28	7	445	
C. Most of the passages were easier than what I usually read.	26	5	45	5	45	0	0	1	9	459	38	38	57	3	2	457	33	7	68	20	5	448	
<b>How much time do you spend reading at home each day?</b>																							
A. more than one hour	21	1	11	7	78	1	11	0	0	450	18	14	82	4	0	452	18	7	64	22	7	447	
B. 20 minutes to an hour	40	4	24	12	71	0	0	1	6	454	64	20	66	13	1	453	55	4	64	26	6	446	
C. less than 20 minutes	33	1	7	11	79	2	14	0	0	448	13	5	75	20	0	447	14	2	53	33	12	443	
D. I rarely read at home.	7	0	0	3	100	0	0	0	0	449	6	11	78	0	11	449	13	1	44	39	16	441	
<b>How many pages do you read in school and to complete homework assignments?</b>																							
A. five or fewer pages	20	0	0	7	88	1	13	0	0	448	17	8	65	23	4	447	23	3	50	34	13	442	
B. six to ten pages	44	6	33	12	67	0	0	0	0	455	19	23	67	10	0	453	25	3	60	29	8	444	
C. eleven or more pages	37	0	0	14	93	1	7	0	0	449	64	17	75	8	0	453	52	5	64	24	6	446	
<b>Optional school/SAU question</b>																							
A.	0										0												
B.	0										100	0	100	0	0	460							
C.	0										0												
D.	0										0												



# MATHEMATICS RESULTS

<b>Test Date:</b> March 2008
<b>Grade:</b> 4
<b>SAU:</b> MSAD 71
<b>School:</b> Kennebunkport Consolidated Sch

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL							
		School		SAU		State			
		N	%	N	%	N	%		
The quality of a student's work at each achievement level reflects progress in attaining Maine's Grade Level Expectations in mathematics.									
<b>Exceeds the Standards</b> – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 461–480)	2005-2006	14	34	52	32	1294	9		
	2006-2007	8	36	43	27	1054	8		
	<b>2007-2008</b>	<b>5</b>	<b>12</b>	<b>40</b>	<b>25</b>	<b>1321</b>	<b>9</b>		
	Cum. Total*	27	25	135	28	3669	9		
<b>Meets the Standards</b> – The student's work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student's work may contain minor errors. (scaled score 441–460)	2005-2006	24	59	88	55	7000	50		
	2006-2007	14	64	100	63	7394	53		
	<b>2007-2008</b>	<b>34</b>	<b>79</b>	<b>100</b>	<b>63</b>	<b>7079</b>	<b>51</b>		
	Cum. Total*	72	68	288	60	21473	51		
<b>Partially Meets the Standards</b> – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 429–440)	2005-2006	3	7	17	11	3784	27		
	2006-2007	0	0	15	9	3729	27		
	<b>2007-2008</b>	<b>4</b>	<b>9</b>	<b>17</b>	<b>11</b>	<b>3955</b>	<b>28</b>		
	Cum. Total*	7	7	49	10	11468	27		
<b>Does Not Meet the Standards</b> – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 400–428)	2005-2006	0	0	4	2	1894	14		
	2006-2007	0	0	2	1	1735	12		
	<b>2007-2008</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1642</b>	<b>12</b>		
	Cum. Total*	0	0	7	1	5271	13		

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Cluster 1: Numbers and Operations</b>	<b>15</b>	<b>31</b>	11.4	76.0	11.9	79.3	9.5	63.3
<b>Cluster 2: Shape and Size</b>	<b>14</b>	<b>29</b>	10.4	74.3	10.7	76.4	9.1	65.0
<b>Cluster 3: Mathematical Decision Making</b>	<b>5</b>	<b>10</b>	3.9	78.0	3.9	78.0	3.4	68.0
<b>Cluster 4: Patterns</b>	<b>14</b>	<b>29</b>	10.9	77.9	11.1	79.3	9.7	69.3

- Cluster 1: Numbers and Operations**
    - A. Numbers and Number Sense
    - B. Computation
      - I. Discrete Mathematics (grades 3 and 4 only)
  - Cluster 2: Shape and Size**
    - E. Geometry
    - F. Measurement
  - Cluster 3: Mathematical Decision Making**
    - C. Data Analysis and Statistics
    - D. Probability
  - Cluster 4: Patterns**
    - G. Patterns, Relations, and Functions
    - H. Algebra Concepts
    - K. Mathematical Communication
- Each content standard in the clusters above is defined in Maine's 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

\*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.



# MATHEMATICS RESULTS (CONTINUED)

**Test Date:** March 2008  
**Grade:** 4  
**SAU:** MSAD 71  
**School:** Kennebunkport Consolidated Sch

REPORTING CATEGORIES	School										SAU					State						
	Tested		E		M		P		D		Mean Scaled Score	Tested		E		M		P		D		Mean Scaled Score
	N	%	N	%	N	%	N	%	N	%		N	%	N	%	N	%	N	%	N	%	
<b>All Students</b>	43	12	5	34	79	4	9	0	0	454	158	25	63	11	1	456	13997	9	51	28	12	445
<b>Ethnicity</b>																						
African American/Black	0										2						386	4	26	34	36	434
American Indian or Native Alaskan	0										0						101	3	46	41	11	442
Asian or Pacific Islander	0										2						262	14	51	23	12	447
Hispanic	0										0						162	4	41	34	21	440
Caucasian/White	43	12	5	34	79	4	9	0	0	454	154	26	63	10	1	456	13085	10	51	28	11	446
Not Reported	0										0						1					
<b>Identified disability</b>																						
Yes	16	13	2	12	75	2	13	0	0	451	30	7	70	20	3	449	2372	3	31	36	30	436
No	27	11	3	22	81	2	7	0	0	455	128	30	62	9	0	458	11625	11	54	27	8	447
<b>Current LEP</b>																						
Yes	0										3						381	4	33	28	35	435
No	43	12	5	34	79	4	9	0	0	454	155	26	63	11	1	456	13616	10	51	28	11	445
<b>Economically disadvantaged</b>																						
Yes	5	20	1	3	60	1	20	0	0	454	23	35	52	13	0	457	5472	5	41	35	19	440
No	38	11	4	31	82	3	8	0	0	454	135	24	65	10	1	456	8525	13	56	24	7	448
<b>Migrant</b>																						
Yes	0										0						5	0	80	20	0	448
No	43	12	5	34	79	4	9	0	0	454	158	25	63	11	1	456	13992	9	51	28	12	445
<b>Gender</b>																						
Female	21	10	2	16	76	3	14	0	0	453	80	23	61	16	0	454	6933	9	50	29	12	445
Male	22	14	3	18	82	1	5	0	0	455	78	28	65	5	1	457	7063	10	51	27	11	446
Not Reported	0										0						1					
<b>Title 1A targeted program</b>																						
Yes	1										13	8	62	31	0	449	1890	2	34	41	23	438
No	42	12	5	33	79	4	10	0	0	454	145	27	63	9	1	457	12107	11	53	26	10	446
<b>Gifted/talented program</b>																						
Yes	0										0						266	45	49	5	0	461
No	43	12	5	34	79	4	9	0	0	454	158	25	63	11	1	456	13731	9	51	29	12	445

E = Exceeds the Standards    M = Meets the Standards    P = Partially Meets the Standards    D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested.    N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2008  
 Grade: 4  
 SAU: MSAD 71  
 School: Kennebunkport Consolidated Sch

QUESTIONNAIRE ITEMS	School										SAU					State						
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E		M		P		D		Mean Scaled Score		
	%	N	%	N	%	N	%	N	%		%	%	%	%	%	%	%	%				
<b>How much homework do you do on school nights?</b>																						
A. none	2	0	0	0	0	1	100	0	0	440	1	0	0	100	0	440	5	6	34	33	27	438
B. less than one hour	91	4	10	32	82	3	8	0	0	453	61	21	68	10	1	455	74	10	52	28	10	446
C. one to two hours	7	1	33	2	67	0	0	0	0	461	37	34	56	10	0	458	18	10	52	28	10	446
D. more than two hours	0										1	0	100	0	0	451	2	5	33	28	34	436
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	49	5	24	16	76	0	0	0	0	459	45	30	61	10	0	457	38	13	56	23	8	448
B. They match some of what I have learned.	40	0	0	15	88	2	12	0	0	450	47	25	67	7	1	456	48	8	52	29	10	445
C. They match just a little of what I have learned.	12	0	0	3	60	2	40	0	0	446	7	0	55	45	0	446	10	4	35	39	22	439
D. There is no match.	0										1	0	100	0	0	444	4	2	25	33	40	433
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	44	4	21	14	74	1	5	0	0	456	35	36	57	7	0	459	35	16	55	20	8	449
B. good	47	1	5	18	90	1	5	0	0	452	54	20	68	11	1	455	48	7	52	31	11	445
C. fair	7	0	0	1	33	2	67	0	0	447	9	20	53	27	0	451	14	3	41	38	18	440
D. poor	2	0	0	1	100	0	0	0	0	456	1	0	100	0	0	455	3	1	29	36	34	435
<b>How hard was the mathematics part of this test?</b>																						
A. harder than my regular schoolwork	12	0	0	3	60	2	40	0	0	445	6	10	60	20	10	449	15	4	38	33	25	439
B. about the same as my regular schoolwork	65	4	14	23	82	1	4	0	0	455	63	24	65	11	0	455	64	10	54	28	9	446
C. easier than my regular schoolwork	23	1	10	8	80	1	10	0	0	455	31	31	60	8	0	458	21	13	52	24	11	447
<b>How often do you use hands-on materials in mathematics class?</b>																						
A. almost every day	47	2	10	18	90	0	0	0	0	454	52	29	66	5	0	457	23	8	47	29	16	443
B. two or three days a week	35	2	13	11	73	2	13	0	0	453	35	25	59	16	0	455	36	11	54	27	9	447
C. two or three times each month	7	0	0	3	100	0	0	0	0	449	8	8	77	8	8	452	25	10	53	27	10	446
D. never or almost never	12	1	20	2	40	2	40	0	0	455	4	14	43	43	0	451	16	9	46	32	13	444
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	0										3	60	40	0	0	460	5	3	30	33	33	436
B. two or three days a week	28	0	0	12	100	0	0	0	0	450	24	26	66	8	0	457	19	8	50	30	12	445
C. two or three times each month	51	2	9	17	77	3	14	0	0	454	53	24	63	12	1	455	38	11	55	26	8	447
D. never or almost never	21	3	33	5	56	1	11	0	0	459	20	22	66	13	0	456	38	9	50	29	12	445
<b>On average, how many minutes a day do you spend working on mathematics in class?</b>																						
A. less than 30 minutes	2	0	0	0	0	1	100	0	0	440	2	33	0	67	0	448	8	3	33	38	25	438
B. 30–45 minutes	2	0	0	1	100	0	0	0	0	446	6	0	80	10	10	449	27	6	48	33	13	443
C. 45–60 minutes	2	0	0	0	0	1	100	0	0	440	5	25	50	25	0	454	38	11	54	26	9	447
D. more than 60 minutes	93	5	13	33	83	2	5	0	0	455	87	27	64	9	0	457	26	13	55	23	9	448
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										100	100	0	0	0	466						
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards  
 N = Number



# SCIENCE AND TECHNOLOGY RESULTS

Test Date: March 2008  
 Grade: 4  
 SAU: MSAD 71  
 School: Kennebunkport Consolidated Sch

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL							
		School		SAU		State			
		N	%	N	%	N	%		
The quality of a student's work at each achievement level reflects progress in attaining Maine's Grade Span Expectations in science and technology.									
<b>Exceeds the Standards</b> – The student's work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult problems using the processes of scientific inquiry, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (scaled score 461–480)	2005-2006	12	29	27	17	751	5		
	2006-2007	6	27	44	28	963	7		
	<b>2007-2008</b>	<b>12</b>	<b>28</b>	<b>34</b>	<b>22</b>	<b>882</b>	<b>6</b>		
	Cum. Total*	30	28	105	22	2596	6		
<b>Meets the Standards</b> – The student's work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve routine problems using the processes of scientific inquiry and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (scaled score 441–460)	2005-2006	26	63	107	66	7251	52		
	2006-2007	16	73	94	59	6824	49		
	<b>2007-2008</b>	<b>26</b>	<b>60</b>	<b>101</b>	<b>64</b>	<b>7130</b>	<b>51</b>		
	Cum. Total*	68	64	302	63	21205	51		
<b>Partially Meets the Standards</b> – The student's work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems using scientific inquiry but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (scaled score 429–440)	2005-2006	2	5	25	16	4514	32		
	2006-2007	0	0	21	13	4382	32		
	<b>2007-2008</b>	<b>5</b>	<b>12</b>	<b>23</b>	<b>15</b>	<b>4433</b>	<b>32</b>		
	Cum. Total*	7	7	69	14	13329	32		
<b>Does Not Meet the Standards</b> – The student's work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and use the skills of scientific inquiry. There are many inaccuracies and explanations are illogical, incomplete, or missing. (scaled score 400–428)	2005-2006	1	2	2	1	1458	10		
	2006-2007	0	0	1	1	1735	12		
	<b>2007-2008</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1546</b>	<b>11</b>		
	Cum. Total*	1	1	3	1	4739	11		

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Cluster 1: Life Sciences</b>	<b>12</b>	<b>25</b>	9.9	82.5	9.5	79.2	8.0	66.7
<b>Cluster 2: Physical Sciences</b>	<b>12</b>	<b>25</b>	9.2	76.7	8.7	72.5	7.2	60.0
<b>Cluster 3: Earth and Space Sciences</b>	<b>12</b>	<b>25</b>	9.4	78.3	8.7	72.5	7.4	61.7
<b>Cluster 4: Nature and Implications of Science</b>	<b>12</b>	<b>25</b>	8.4	70.0	8.8	73.3	7.6	63.3

**Cluster 1: Life Sciences**

- A. Classifying Life Forms
- B. Ecology
- C. Cells

**Cluster 2: Physical Sciences**

- E. Structure of Matter
- H. Energy
- I. Motion

**Cluster 3: Earth and Space Sciences**

- D. Continuity and Change
- F. The Earth
- G. The Universe

**Cluster 4: Nature and Implications of Science**

- J. Inquiry and Problem Solving
- K. Scientific Reasoning
- L. Communication
- M. Implications of Science & Technology

Each content standard in the clusters shown is defined in Maine's 1997 *Learning Results*, which are the basis for science and technology Grade Span Expectations. Each item on the MEA measures a grade span expectation, which can be found at <http://www.maine.gov/education/lslt/gles.htm>.

\*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.



# SCIENCE AND TECHNOLOGY RESULTS (CONTINUED)

**Test Date:** March 2008  
**Grade:** 4  
**SAU:** MSAD 71  
**School:** Kennebunkport Consolidated Sch

REPORTING CATEGORIES	School										SAU					State						
	Tested		E		M		P		D		Mean Scaled Score	Tested		E		M		P		D		Mean Scaled Score
	N	%	N	%	N	%	N	%	N	%		N	%	N	%	N	%	N	%	N	%	
<b>All Students</b>	43	12	28	26	60	5	12	0	0	456	158	22	64	15	0	453	13991	6	51	32	11	444
<b>Ethnicity</b>																						
African American/Black	0										2						385	2	27	35	36	434
American Indian or Native Alaskan	0										0						101	3	44	44	10	441
Asian or Pacific Islander	0										2						262	5	52	28	14	443
Hispanic	0										0						162	2	38	39	21	439
Caucasian/White	43	12	28	26	60	5	12	0	0	456	154	21	64	14	0	453	13080	7	52	31	10	444
Not Reported	0										0						1					
<b>Identified disability</b>																						
Yes	16	2	13	9	56	5	31	0	0	449	30	7	70	23	0	447	2370	2	32	41	25	437
No	27	10	37	17	63	0	0	0	0	460	128	25	63	13	0	455	11621	7	55	30	8	445
<b>Current LEP</b>																						
Yes	0										3						379	1	25	35	39	433
No	43	12	28	26	60	5	12	0	0	456	155	21	64	15	0	453	13612	6	52	32	10	444
<b>Economically disadvantaged</b>																						
Yes	5	2	40	1	20	2	40	0	0	455	23	22	52	26	0	453	5470	3	41	39	18	440
No	38	10	26	25	66	3	8	0	0	456	135	21	66	13	0	453	8521	9	57	27	7	446
<b>Migrant</b>																						
Yes	0										0						5	20	20	40	20	443
No	43	12	28	26	60	5	12	0	0	456	158	22	64	15	0	453	13986	6	51	32	11	444
<b>Gender</b>																						
Female	21	5	24	14	67	2	10	0	0	455	80	24	59	18	0	453	6929	6	49	33	12	443
Male	22	7	32	12	55	3	14	0	0	456	78	19	69	12	0	454	7061	7	53	30	10	444
Not Reported	0										0						1					
<b>Title 1A targeted program</b>																						
Yes	1										13	0	62	38	0	445	1888	1	32	44	23	437
No	42	12	29	25	60	5	12	0	0	456	145	23	64	12	0	454	12103	7	54	30	9	445
<b>Gifted/talented program</b>																						
Yes	0										0						266	30	65	5	1	457
No	43	12	28	26	60	5	12	0	0	456	158	22	64	15	0	453	13725	6	51	32	11	444

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested.   N = Number



# SCIENCE AND TECHNOLOGY RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2008  
 Grade: 4  
 SAU: MSAD 71  
 School: Kennebunkport Consolidated Sch

QUESTIONNAIRE ITEMS	School										SAU					State							
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%		
<b>How much homework do you do on school nights?</b>																							
A. none	2	0	0	0	0	1	100	0	0	438	1	0	0	100	0	438	5	4	37	36	22	439	
B. less than one hour	91	10	26	25	64	4	10	0	0	455	61	21	68	11	0	454	74	6	53	31	10	444	
C. one to two hours	7	2	67	1	33	0	0	0	0	467	37	24	59	17	0	453	18	7	52	32	8	445	
D. more than two hours	0										1	0	50	50	0	442	2	4	31	33	32	437	
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																							
A. The questions on the test match what I have learned in science class.	29	6	50	6	50	0	0	0	0	462	23	36	56	8	0	456	24	9	53	28	10	446	
B. They match some of what I have learned.	52	5	23	14	64	3	14	0	0	453	64	18	66	16	0	452	49	6	54	31	9	445	
C. They match just a little of what I have learned.	19	1	13	5	63	2	25	0	0	452	12	16	63	21	0	452	21	4	47	36	13	442	
D. There is no match.	0										1	0	100	0	0	452	6	2	35	37	25	438	
<b>Which of the following best describes how you rate yourself as a student in science?</b>																							
A. very good	21	4	44	4	44	1	11	0	0	458	22	29	51	20	0	453	25	9	53	27	10	446	
B. good	71	7	23	21	70	2	7	0	0	455	63	20	69	11	0	454	54	6	55	30	9	445	
C. fair	7	1	33	0	0	2	67	0	0	450	15	17	61	22	0	451	19	3	43	40	15	441	
D. poor	0										0						3	2	28	42	29	435	
<b>How difficult was the science part of this test?</b>																							
A. harder than my regular schoolwork	20	1	13	5	63	2	25	0	0	452	13	19	62	19	0	452	22	5	45	35	15	442	
B. about the same as my regular schoolwork	68	8	29	19	68	1	4	0	0	457	75	22	67	11	0	454	62	7	53	31	9	445	
C. easier than my regular schoolwork	12	2	40	1	20	2	40	0	0	450	12	17	50	33	0	449	16	7	52	28	13	444	
<b>How often do you have science classes?</b>																							
A. every day	74	10	31	18	56	4	13	0	0	456	30	25	58	17	0	454	24	7	48	33	12	444	
B. a few times a week	23	2	20	8	80	0	0	0	0	457	64	19	67	14	0	453	53	7	54	31	9	445	
C. once a week	0										3	40	60	0	0	458	9	6	46	33	15	442	
D. a few times a month	2	0	0	0	0	1	100	0	0	438	3	25	50	25	0	455	14	5	50	31	14	443	
<b>Which statement best describes how you learn science?</b>																							
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	9	1	25	3	75	0	0	0	0	457	5	13	88	0	0	452	25	5	48	34	13	443	
B. I work in groups to design and conduct experiments.	26	2	18	8	73	1	9	0	0	454	16	16	72	12	0	452	27	4	46	37	13	442	
C. I do a combination of A and B, but mostly A.	40	4	24	9	53	4	24	0	0	454	34	26	57	17	0	454	26	7	56	28	8	445	
D. I do a combination of A and B, but mostly B.	26	5	45	6	55	0	0	0	0	459	45	21	63	15	0	453	22	9	55	26	9	446	
<b>Optional school/SAU question</b>																							
A.	0										0												
B.	0										100	0	0	0	0	474							
C.	0										0												
D.	0										0												

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 N = Number